# A LIST OF TYPES OF CERAMBYCIDAE AT THE FIELD MUSEUM OF NATURAL HISTORY, CHICAGO (Coleoptera)

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#### ABSTRACT

The Field Museum contains 125 primary types of Cerambycidae, including 11 lectotypes herein designated for species of *Moneilema* and *Romaleum*. This list includes label data and original literature citations for each.

With the recent acquisition of the Josef N. Knull collection of North American Coleoptera, the Field Museum has attained added stature and importance as a repository of Coleoptera. The more than 23,000 specimens of Cerambycidae include most of the known species of the United States, and the 68 primary types further enhance the collection. This collection, along with the previously acquired Dillon and Psota collections, makes it desirable to list the holotypes of Cerambycidae now in the collections of the Field Museum. Several species, particularly those of Mo*neilema*, require lectotype designations which are so indicated here.

Thanks are due to the authorities and staff of the Field Museum, particularly Henry Dybas, Rupert Wenzel and John Kethley, for their hospitality and use of facilities there.

Aneflomorpha parkeri Knull. Holotype (sex?).

Pinal Mts., Arizona, August 12. F. H. Parker.

1934. Ohio Jour. Sci. 34:334.

Aneflus fisheri Knull. Holotype male.

Globe, Arizona, July 10. F. H. Parker. 1934. Ohio Jour. Sci. 34:335.

Aneflus paracalvatus Knull. Holotype male.

Santa Rita Mts., Arizona, July 11, 1949. D. J. & J. N. Knull.

1955. Ent. News 66:221.

Anoplium tricallosum Knull (= Xeranoplium). Holotype (sex?).

Sabino Canyon, Arizona, July 25, 1936. J. N. Knull. 1938. Ann. Ent. Soc. Amer. 31:140, fig. 7.

Anoplocurius altus Knull. Holotype male.

Davis Mts., Texas, July 2, 1940. D. J. & J. N. Knull. 1942. Ent. News 53:224.

Anthophilax quadrimaculatus Champlain & Knull (= Centrodera). Holotype female.

Rock Bridge, Ohio, June. R. J. Sim & C. J. Drake. 1922. Ent. News 33:147.

Astylidius versutus downiei Dillon. Holotype male.

Tippecanoe Co., Indiana, June 21, 1953. N. M. Downie. 1956. Ann. Ent. Soc. Amer. 49:150.

Ataxia brunneus Champlain & Knull. Holotype female.

Northern Illinois.

1926. Ent. News 37:206.

Atimia huachucae Champlain & Knull. Holotype female.

Cooney, New Mexico. 1922. Ent. News 33:148.

Batyle rufiventris Knull. Holotype female.

Sierra Ancha Mts., Gila Co., Arizona. D. K. Duncan.

1928. Ent. News 39:126.

Cacoplia nebulosa albata Knull. Holotype male.

Mobile, Alabama, May 25, 1952. W. Rosenburg.

1960. Ent. News 71:116.

Cacostola fuscata Dillon & Dillon. Holotype female.

Amazonas, Brasil.

1952. Ann. Ent. Soc. Amer. 45:71.

Ceresium cylindricellum Gressitt. Holotype female.

Hollandia, northern New Guinea, May, 1945. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:11. Charoides hebes Dillon & Dillon. Holotype female.

Quiroz, Peru. F. Woytkowski. 1945. Reading Pub. Mus. Art Gall. Sci. Publ. 5:59, pl. 4, fig. 2.

Charoides obliquefasciata Dillon & Dillon. Holotype male.

São Paul d'Olivenca, Brasil. M. de Mathan.

1952. Ann. Ent. Soc. Amer. 45:61. Charoides subcostata Dillon & Dillon. Holotype male.

Quiroz, Peru, April 10, 1932.

1945. Reading Pub. Mus. Art Gall. Sci. Publ. 5:61, pl. 4, fig. 3.

Clavidesmus indistinctus Dillon & Dillon. Holotype female.

Bahia, Brasil. 1952. Ann. Ent. Soc. Amer. 45:74.

 $Conosphaerion\ pullum\ Knull\ (=Pseudoperiboeum).\ Holotype\ female.$ 5 miles N. Nogales, Arizona, July 30, 1957. D. J. & J. N. Knull. 1958. Ent. News 69:185.

Delilah subfasciata Dillon & Dillon. Holotype female.

Tarapoto, Peru.
1952. Ann. Ent. Soc. Amer. 45:61.

Dorcaschema octovittata Knull. Holotype male. Davis Mts., Texas, July 3, 1936. J. N. Knull. 1937. Ohio Jour. Sci. 37:307.

Eburia stroheckeri Knull. Holotype male.

Matheson Hammock, Dade Co., Florida, June 4, 1948. H. F. Strohecker.

1949. Ohio Jour. Sci. 49:104, fig. 1.

Elaphidion albomaculatum Champlain & Knull (= Elaphidionoides). Holotype (sex?).

Miami, Florida, April 2. J. N. Knull.

1922. Ent. News 33:146.

Elaphidion (Anepsyra) delongi Champlain & Knull (=Aneflomorpha). Holotype

Miami, Florida, April 13. D. M. Delong. 1922. Ent. News 33:147.

1922. Ent. News 33:147.

Elaphidion (Anoplium) duncani Knull (= Caccophrissus). Holotype female.
Globe, Arizona D. K. Duncan.
1927. Ent. News. 38:117.

Elaphidion (Anoplium) hoferi Knull (= Peranoplium). Holotype male.
Tucson, Arizona, June 4. G. Hofer.
1934. Ent. News 45:69.

Elaphidion knulli Linsley. Holotype male.
Miami, Florida, March, 1937.
1957. Amer. Mus. Nov. 1828:18.

Elaphidion linsleyi Knull. Holotype male.
Davis Mts., Jeff Davis Co., Texas. July 3, 1955. D. J. & J. N. Knull.
1960. Ohio Jour. Sci. 60:7.

Elaphidion (Anoplium) magnipunctata Knull (= Gymnopsyra). Holotype (se

Elaphidion (Anoplium) magnipunctata Knull (= Gymnopsyra). Holotype (sex?). Grant Co., New Mexico, July 15. R. T. Kellogg. 1934. Ent. News 45:12.

Elaphidion (Anoplium) masoni Knull (= Tylonotus). Holotype female.
Edgebrook, Illinois, June 18.
1928. Ent. News 39:11.

Elytroleptus davisi Knull. Holotype (sex?).

Davis Mts., nr. Fort Davis, Texas, June 10, 1939. D. J. & J. N. Knull.

1940. Ann. Ent. Soc. Amer. 33:558, fig. 6

Elytroleptus immaculipennis var. obliquus Knull. Holotype female.

Davis Mts., Texas, July 3, 1940. D. J. & J. N. Knull.

1950. Ent. News 61:91.

Elytroleptus lineatus Knull. Holotype female.

Davis Mts., Texas, June 21, 1949. D. J. & J. N. Knull. 1950. Ent. News 61:91.

Eplophorus auricomis Chemsak. Holotype male.

Turrialba, Costa Rica, June-July, 1946. K. W. Cooper.

1969. Pan-Pacific Ent. 45:309.

Euderces balli Knull. Holotype (sex?).

Baboquivori Mts., Arizona, July 26. E. D. Ball. 1935. Ent. News. 46:192.

Eupogonius arizonensis Knull. Holotype female.

Ruby, Arizona, August 4, 1953. D. J. & J. N. Knull. 1954. Ent. News 65:127.

Eupogonius fraxini Knull. Holotype male.

Hummelstown, Pa., July 21, 1917. 1918. Ent. News 29:132.

Euryptera sabinoensis Knull (= Choriolaus). Holotype female.

Sabino Canyon, Santa Catalina Mts., Arizona, July 11, 1952. D. J. & J. N. Knull.

1954. Ohio Jour. Sci. 54:129.

Euryptera texana Knull (= Megachoriolaus). Holotype female.
Davis Mts., Texas, July 3, 1940. D. J. & J. N. Knull.
1941. Ohio Jour. Sci 41:388, fig. 1.

Eutrichillus canescens nelsoni Dillon. Holotype male.

Prescott, Arizona, August 21, 1953. G. H. Nelson.

1956. Ann. Ent. Soc. Amer. 49:223.

?Examnes longipes Gressitt. Holotype male.

Hollandia, northern New Guinea, Dec. 13, 1944. H. Hoogstraal. 1951. Ann. Ent. Soc. Amer. 44:14.

Glaucytes quadrifasciata Gressitt. Holotype male.

Hollandia, northern New Guinea, Dec. 24, 1944. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:210, fig. 5.

(Published as being deposited in the California Academy of Sciences.)

Goes pulcher var. fuscatus Knull. Holotype male. McCurtain Co., Okla., June 27. A. Elred.

1944. Ohio Jour. Sci. 44:92.

Gymnospyra notabilis Knull (= Hesperanoplium). Holotype female.

Jacumba, California, May 18, 1941. D. J. & J. N. Knull.

1947. Ohio Jour. Sci. 47:72.

Haplidus laticeps Knull. Holotype male.

Sonora, Texas, April, 1931.

1941. Ann. Ent. Soc. Amer. 34:317.

Hirsutographis pulchra Dillon. Holotype female.

South Miami, Florida, June 2, 1952. D. G. Kissinger.

1956. Ann. Ent. Soc. Amer. 49:207.

Hyphus comusioides Gressitt. Holotype male.

Hollandia, northern New Guinea, May, 1945. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:4, fig. 4.

Idomea bicolor Champlain & Knull (= Styloxus). Holotype (sex?). Jemez Springs, New Mexico, August. J. Woodgate.

1922. Ent. News 33:145.

Iphra euderceoides Gressitt. Holotype female. Hollandia, northern New Guinea, Dec. 24, 1944. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:23, fig. 7.

Jamesia duofasciata Dillon & Dillon. Holotype (male?).

Balzapamba, Prov. de Bolivar, Ecuador.

1952. Ann. Ent. Soc. Amer. 45:59.

Jamesia fuscofasciata Dillon & Dillon. Holotype female.

Balzapamba, Prov. Bolivar, Ecuador.
1952. Ann. Ent. Soc. Amer. 45:60.

Lagocheirus araneiformis fulvescens Dillon. Holotype male.
British Guiana, Jan. 18, 1912. A. F. Porter.
1957. Bull. British Mus. (Nat. Hist.) Ent. 6(6):151.

Lagocheirus dezayasi Dillon. Holotype male.
Havana, Cuba. F. de Zayas.
1957. Bull. British Mus. (Nat. Hist.) Ent. 6(6):144.

Lagocheirus wenzeli Dillon. Holotype male.

Near Compostela, Nayarit, Mex., June 29, 1933. 1957. Bull. British Mus. (Nat. Hist.) Ent. 6(6):146.

Lagocheirus zimmermani Dillon. Holotype female.

Honolulu, Oahu, Hawaii, January, 1907.

1952. Ent. News, 63:207. Leiopus imitans Knull. Holotype. (sex?).

Davis Mts., Texas, June 13, 1935. J. N. Knull. 1936. Ent. News 47:107.

Leptostylus floridanus Champlain & Knull. Holotype (sex?). Miami, Florida, April 3. J. N. Knull.

1922. Ent. News 33:148.

Leptostylus monki Knull. Holotype (sex?).

Donna, Texas. J. W. Monk. 1936. Ent. News 47:106.

Leptura splendens Knull. Holotype female.

Globe, Arizona. D. K. Duncan.

1935. Ent. News 46:191.

Lepturges minutus Champlain & Knull. Holotype (sex?).

Slidell, Louisiana, July 2. 1925. Ent. News 36:207.

Lepturges neomexicanus Champlain & Knull. Holotype male.

Jemez Springs, New Mexico, July 17. 1925. Ann. Ent. Soc. Amer. 18:470.

Longipalpus saipanensis Gressitt. Holotype female.

Tuturam, Laulau Bay, Saipan I., S. Mariana Is., Jan. 21, 1945. H. S. Dybas.

1956. Insects of Micronesia 17:100, fig. 9, b.

Mecas linsleyi Knull. Holotype male.

Bentsen Rio Grande State Park, Hidalgo Co., Texas, March 26, 1954. D. J. & J. N. Knull.

1975. Ohio Jour. Sci. 75:130, fig. 1.

Methia acostata Linsley. Holotype male.

Hualpai, Arizona, July 3. D. J. & J. N. Knull.

1940. Ent. News 51:287.

Methia carinata Linsley. Holotype female.

Hualpai, Arizona, July 2. D. J. & J. N. Knull.

1940. Ent. News 51:289.

Methia dubia Linsley. Holotype male.

Wickenberg, Arizona, June 16. D. J. & J. N. Knull.

1940. Ent. News 51:286.

*Methia evaniformis* Knull (= *Coleomethia*). Holotype male.

Davis Mts., Texas, July 3. J. N. Knull.

1937. Ohio Jour. Sci. 37:306, fig. 3.

Methia knulli Linsley. Holotype female.

Hualpai, Arizona, July 3. D. J. & J. N. Knull.

1940. Ent. News 51:288.

Methia lata Knull. Holotype female.

Chisos Mts., Texas, June 30, 1957.

1958. Ohio Jour. Sci. 58:282.

Molorchus bimaculatus celti Knull. Holotype. (sex?).

Hummelstown, Pennsylvania, December. J. N. Knull.

1930. Ent. News 41:101.

Moneilema alpinum Psota. Holotype male.

Albuquerque, New Mexico, June 27. H. F. Wickham.

1930. Coleop. Contr. 1:126, pl. 4, fig. 6.

Moneilema angulatum Psota. Holotype (sex?).

Pullman, Washington, July. 1930. Coleop. Contr. 1:122.

Moneilema corrugans var. arizonicum Psota. Holotype male.

Huachuca Mts., Arizona.

1930. Coleop. Contr. 1:128, pl. 3, fig. 6.

Moneilema corpulenta Knaus. Holotype male.

Globe, Arizona, July 7, 1921. 1925. Pan-Pacific Ent. 1:183.

Moneilema duncani Psota. Lectotype male, here designated.

Base of Pinal Mts., Gila Co., Arizona, August. D. K. Duncan.

1930. Coleop. Contr., 1:128.

Moneilema hybrida Psota. Holotype male.

Walsenburg, Colorado, June 20, 1922. F. Psota.

1930. Coleop. Contr. 1:123, pl. 3, fig. 8.

Moneilema isolatum Psota. Lectotype male, here designated.

Rio Grande, New Mexico, August 1, 1927. F. Psota.

1930. Coleop. Contr. 1:132.

Moneilema manni Psota. Lectotype male, here designated.

San Miguel. W. M. Mann.

1930. Coleop. Contr. 1:139, pl. 9, figs. 4-8, pl. 24, figs. 1-2.

Moneilema annulatum var. montanum Psota. Lectotype male, here designated.

Jordan, Montana, August 15, 1917. L. Wallers.

Moneilema parahybrida Psota. Holotype male.
Delia, New Mexico, July 22, 1922. F. Psota.
1930. Coleop. Contr. 1:124, pl. 3, fig. 9, pl. 13, fig. 2.

Moneilema punctatum Psota. Lectotype male, here disignated.

Bethage, Texas.

1930. Coleop. Contr. 1:133, pl. 14.

Moneilema puncticollis Psota. Lectotype male, here designated.

Walsenburg, Colorado, June 20, 1922. F. Psota. 1930. Coleop. Contr. 1:121, pl. 2, fig. 7, pl. 3, fig. 7.

Moneilema rinconi Psota. Lectotype male, here designated.

Rincon, New Mexico, August 22, 1922. F. Psota. 1930. Coleop. Contr. 1:126, pl. 2, fig. 4, pl. 4, fig. 5.

Moneilema appressum var. scabrum Psota. Lectotype female, here designated.

Santa Fe, New Mexico, July 21, 1922. F. Psota. 1930. Coleop. Contr. 1:125, pl. 4, fig. 3, pl. 13, fig. 1.

Moneilema texanum Psota. Holotype male. Alpine, Texas, June 26-28, 5400 ft. H. F. Wickham.

1930. Coleop. Contr. 1:127, pl. 4, fig. 7

Moneilema walsenburgi Psota. Lectotype male, here designated.

Walsenburg, Colorado, June 20, 1922. F. Psota.

1930. Coleop. Contr. 1:140, pl. 8, figs. 1-2, pl. 13, figs. 5-6. Moneilema wickhami Psota. Lectotype male, here designated.

Durango, Mexico. H. F. Wickham.

1930. Coleop. Contr. 1:138, pl. 22, figs. 1,2.

Neoleptura auripennis Chemsak & Linsley. Holotype male.

Cerro Tancitaro, Michoacan, Mexico, 10,600 ft., July 18, 1941. Hoogstraal & Haig.

1976. Jour. Kansas Ent. Soc. 49:183, fig. 2.

Nyssodectes veracruzi Dillon. Holotype male.
"San Andres", Vera Cruz, Mexico, February 6-12, 1953. D. G. Kissinger.

1955. Ent. News 66:143.

Obrium howdeni Knull. Holotype female.

Reelfoot Biological Station, Obion Co., Tennessee, June 20-27, 1948. Pfitzer & Scott.

1955. Ent. News 66:139.

Oncideres albifasciata Dillon & Dillon. Holotype male.

Brasil.

1952. Ann. Ent. Soc. Amer. 45:78.

Oncideres albistillata Dillon & Dillon. Holotype male.

Tarapoto, Peru.

1952. Ann. Ent. Soc. Amer. 45:76.

Oncideres ochreomaculata Dillon & Dillon. Holotype female.

Oricabo, British Guiana.

1952. Ann. Ent. Soc. Amer. 45:77.

Oncideres ochreostillata Dillon & Dillon. Holotype female.

Oncideres ochreostitiata Dinon & Dinon. Holotype lentale.
Santa Dounrya?, Brasil.
1952. Ann. Ent. Soc. Amer. 45:75.
Oxoplus tumacacorii Knull (= Deltaspis). Holotype male.
Tumacacori Mts., Ariz., August 24, 1940. D. J. & J. N. Knull.
1944. Ohio Jour. Sci. 44:91, fig. 1.
December of the bidentatus Champlain & Knull (= Dicentrus). Holoty Paraopsimus bidentatus Champlain & Knull (= Dicentrus). Holotype female.

Subalpine Region. A. L. Lovett. 1926. Ent. News 37:205.

Phymatodes ursae Knull. Holotype (sex?).

Yellowstone National Park, July 12, 1939. D. J. & J. N. Knull.

1940. Ann. Ent. Soc. Amer. 33:556, fig. 5.

Plagiohammus camillus Dillon & Dillon. Holotype male.

Peru. F. Woytkowski.

1949. Amer. Mus. Nov. 1388:3.

Psapharochrus quadrigibbus lucidus Knull. Holotype female.

Brownsville, Texas, May 7, 1934. J. N. Knull.

1958. Ohio Jour. Sci. 58:282.

Rhopalophora prorubra Knull. Holotype (sex?).

Sabino Canyon, Santa Catalina Mts., Arizona, August 13, 1936. J. N. Knull.

1944. Ohio Jour. Sci. 44:91, fig. 7.

Romaleum cortiphagus Craighead (= Enaphalodes). Lectotype (sex?), here designated. Charter Oak, Pa., June 22, 1917. H. B. Kirk.

1923. Canada Dept. Agr. Bull. 27(n.s.):69

Romaleum cylindricum Knull (= Enaphalodes). Holotype (sex?).

Paradise, Arizona. H. H. Kimball

1927. Ent. News 38:116.

Romulus globosus Knull. Holotype male.

Coral Gables, Fla., May 20, 1943. H. Conger.

1948. Ohio Jour. Sci. 48:83, fig. 1.

Sciadella (Sciadella) iwojimana Gressitt. Holotype male.

Iwo Jima, Volcano Is., Sept. 1-5, 1945. H. S. Dybas.

1956. Insects of Micronesia 17:162, fig. 27,a.

Smodicum arizonarium Knull. Holotype female.

Chiricahua Mts., 1 mile S. Portal, Cochise Co., Arizona, July 2, 1965. D. J. & J. N. Knull.

1966. Ent. News 77:136.

Smodicum texanum Knull. Holotype female.

Bentsen Rio Grande Valley State Park, Hidalgo Co., Texas, March 29, 1964.

D. J. & J. N. Knull.

1966. Ent. News 77:137.

Stenosphenus piceus Knull. Holotype male.

Davis Mts., Texas, July 1, D. J. & J. N. Knull. 1946. Ent. News 57:253.

Stenosphenus texanus Knull, Holotype male.

Davis Mts., Texas, July 3. D. J. & J. N. Knull. 1946. Ent. News 57:254.

Strangalia dolicops Chemsak. Holotype male.

Santa Clara, in interior valley of Sierra de las Minas (N of Cabañas), Zacapu,

Guatemala, August 6, 1948. R. D. Mitchell 1969. Jour. New York Ent. Soc. 78:3, fig. 2.

Syllitus sexlineatus Gressitt. Holotype female.
Hollandia, northern New Guinea, Dec. 24, 1944. H. Hoogstraal.
1951. Ann. Ent. Soc. Amer. 44:27, fig. 10.

Taranomis linsleyi Knull. Holotype male.
Phoenix, Arizona, May 2, 1925. R. H. Crandall.
1942. Ent. News 53:226.

Tethionea bidentata Gressitt. Holotype male.
Hollandia, northern New Guinea, Feb. 20, 1945. H. Hoogstraal.
1955. Proc. Hawaiian Ent. Soc. 15:414, figs. 5, 11, 19.

Tethionea brevicollis Gressitt. Holotype female.

Hollandia, northern New Guinea, April 17, 1945. H. Hoogstraal. 1951. Ann. Ent. Soc. Amer. 44:15.

Tethionea hollandae Gressitt. Holotype female.

Hollandia, northern New Guinea, May 6, 1945. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:16.

Tethionea hoogstraali Gressitt. Holotype male.

Hollandia, northern New Guinea, Dec. 24, 1944. H. Hoogstraal.

1951. Ann. Ent. Soc. Amer. 44:16, fig. 2.

Tragidion opacum Knull (= Purpuricenus). Holotype male. Davis Mts., Texas, July 4, 1936. J. N. Knull.

1937. Ohio Jour. Sci. 37:306.

Tybalmia breuningi Dillon & Dillon. Holotype female.

Colombia.

1952. Ann. Ent. Soc. Amer. 45:66.

Tylonotus champlaini Knull (= Penichroa). Holotype (sex?).

Glenside, Pa., June 19, 1934. H. J. Fisher. 1941. Ann. Ent. Soc. Amer. 34:695, fig. 1.

Typocerus brunneus inflatus Knull. Holotype male. Southern Pines, N.C. May 20, 1916. A. H. Manee.

1959. Ohio Jour. Sci. 59:47, fig.

Typocerus deceptus Knull. Holotype (sex?).

Clark's Valley, Pa.

1929. Ent. News 40:144.

Typocerus fulvocinctus Knull. Holotype female. Sebring, Florida, April, 1954. L. A. Hetrick. 1956. Ohio Jour. Sci. 56:338, fig.

Typocerus standishi Knull. Holotype female.

Texas.

1938. Ann. Ent. Soc. Amer. 31:141, fig. 1.

Typocerus trimaculatus Champlain & Knull. Holotype male.

New Roads, Louisiana, July 14. 1922. Ent. News 33:304.

Urgleptes kissingeri Dillon. Holotype male.

South Miami, Florida, June 2, 1952. D. G. Kissinger.

1956. Ann. Ent. Soc. Amer. 49:337. Urgleptes knulli Dillon. Holotype male.

Brownsville, Texas, May 8. J. N. Knull.
1956. Ann. Ent. Soc. Amer. 49:337.

Xalitla punctatissima Martins. Holotype male.
Los Mochis, Sinaloa, Mexico, July 22, 1955. R. B. & J. M. Selander.

1970. Arq. Zool. 16:964, figs. 496, 501.

(This type was erroneously cited as being in the Carnegie Museum).

# TYPOCERUS DECEPTUS KNULL IN ILLINOIS, WITH DISCUSSION OF HABITAT (COLEOPTERA: CERAMBYCIDAE)

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## ABSTRACT

Typocerus deceptus Knull is reported for the first time from Illinois on the basis of collections made by the author in areas of extremely sandy soils. Certain black oaks are tentatively suggested to be possible hosts of this rarely collected beetle.